Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

International Application No.   PCT/EP.03 / 1 2 5 0 6	0	For receiving Office use only			
International Filing Date	0-1		DCT/ED 07 / 12 F 0 C		
1 0 NOV 2003 (10. 11. 2003)  Name of receiving Office and "PCT International Application"  EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION  Prepared using PCT-EASY Version 2.92 (updated 01.07.2003)  Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty  PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  If the of invention PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  If Applicant This person is: applicant only all designated States except US SOLVAY (Société Anonyme)  Rue du Prince Albert, 33 B-1050 BRUSSELS Belgium  BE  If Elephone No. + (32-2) 509.6111  Facsimile No. + (32-2) 509.6617  III-1 Applicant and/or inventor  III-1 This person is: applicant and inventor  III-1 Applicant and positions applicant and inventor  US only  CATINAT, Jean-Pierre  RUE de la Résistance, 93 B-7131 WAUDREZ  Belgium	0.2	International Filing Date	FUNEFOS /   25 U b		
International Application	0-2	international Filing Date	1 0 NOV 2003 (1 0. 11. 2003 \		
0-4-1 Prepared using PCT-EASY Version 2.92 (updated 01.07.2003)  0-5 Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty  0-6 Receiving Office (specified by the applicant) 0-7 Applicant's or agent's file reference S 2002/26  1 Title of invention PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  11 Applicant This person is: 11-1 Applicant for all designated States except US  11-2 Applicant for all designated States except US  11-3 State of nationality BE  11-6 State of nationality BE  11-7 State of residence BE  11-8 Telephone No. + (32-2) 509.6111  11-1 Applicant and/or inventor  11-1-1 This person is: applicant and inventor  11-1-2 Applicant and Inventor  11-1-3 Applicant for US only  CATINAT, Jean-Pierre  Rue de la Résistance, 93  B-7131 WAUDREZ  Belgium	0-3		EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION		
Comparison   Com	0-4	Form - PCT/RO/101 PCT Request			
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty  0-6 Receiving Office (specified by the applicant) 0-7 Applicant's or agent's file reference  I Title of invention  II Applicant II-1 This person is: II-2 Applicant for II-4 Name II-5 Address: II-6 State of nationality II-7 State of residence II-8 Telephone No. II-9 Facsimile No. II-1 This person is: II-1 Applicant Telephone No. II-2 Applicant Telephone No. II-3 Applicant Address: II-1 Applicant Address: II-1 Applicant Applicant and/or inventor III-1-1 This person is: III-1-1 Name (LAST, First)  Address:  A	0-4-1	Prepared using			
present international application be processed according to the Patent Cooperation Treaty  0-6 Receiving Office (specified by the applicant) 0-7 Applicant's or agent's file reference S 2002/26  1 Title of invention PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  II Applicant II This person is: applicant only II-2 Applicant for all designated States except US II-4 Name SOLVAY (Société Anonyme) II-5 Address: Rue du Prince Albert, 33 B-1050 BRUSSELS Belgium II-6 State of nationality BE II-7 State of residence BE II-8 Telephone No. + (32-2) 509.6111 II-9 Facsimile No. + (32-2) 509.6617  III-1 Applicant and/or inventor III-1-2 Applicant for US only Name (LAST, First) CATINAT, Jean-Pierre Rue de la Résistance, 93 B-7131 WAUDREZ Belgium	0-5	Petition			
applicant's or agent's file reference  I Title of invention  PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  II Applicant This person is:		present international application be processed according to the Patent Cooperation Treaty	·		
Title of invention  PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  II Applicant II-1 This person is: Applicant for II-2 Applicant for II-5 Address:  Rue du Prince Albert, 33 B-1050 BRUSSELS Belgium  BE II-7 State of residence II-8 Telephone No. II-9 Facsimile No.  III-1 Applicant and/or inventor III-1-1 This person is: III-1-2 Applicant for III-1-4 Name (LAST, First) Address:  ROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE  applicant only Applicant only SOLVAY (Société Anonyme)  Rue du Prince Albert, 33 B-1050 BRUSSELS Belgium  BE II-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	0-6	applicant)	European Patent Office (EPO) (RO/EP)		
II Applicant II-1 This person is: II-2 Applicant for II-3 Name II-4 Name II-5 Address: II-6 State of nationality II-7 State of residence II-9 Facsimile No. II-1 This person is: III-1 This person is: III-1 Applicant and/or inventor III-1 This person is: III-1 Applicant for III-1 Applicant for III-1 Applicant and Inventor III-1 Applicant for III-	0-7	Applicant's or agent's file reference	S 2002/26		
Applicant   This person is:   applicant only   all designated States except US	Ī	Title of invention	PROCESS FOR THE MANUFACTURE OF		
II-1			1,2-EPOXY-3-CHLOROPROPANE		
II-2   Applicant for   all designated States except US     II-4   Name   SOLVAY (Société Anonyme)     II-5   Address:   Rue du Prince Albert, 33     B-1050 BRUSSELS     Belgium     II-6   State of nationality   BE     II-7   State of residence   BE     II-8   Telephone No.   + (32-2) 509.6111     II-9   Facsimile No.   + (32-2) 509.6617     III-1   Applicant and/or inventor     III-1-1   This person is:   applicant and inventor     III-1-2   Applicant for   US only     III-1-4   Name (LAST, First)   CATINAT, Jean-Pierre     III-1-5   Address:   Rue de la Résistance, 93     B-7131   WAUDREZ     Belgium	(i	Applicant			
II-4   Name   SOLVAY (Société Anonyme)     II-5   Address:   Rue du Prince Albert, 33     B-1050 BRUSSELS     Belgium   BE     II-7   State of residence   BE     II-8   Telephone No.   + (32-2) 509.6111     II-9   Facsimile No.   + (32-2) 509.6617     III-1   Applicant and/or inventor     III-1-1   This person is:   applicant and inventor     III-1-2   Applicant for   US only     III-1-4   Name (LAST, First)   CATINAT, Jean-Pierre     III-1-5   Address:   Rue de la Résistance, 93     B-7131 WAUDREZ     Belgium	II-1	This person is:	applicant only		
Rue du Prince Albert, 33   B-1050 BRUSSELS   Belgium     II-6	11-2	Applicant for	all designated States except US		
B-1050 BRUSSELS   Belgium	11-4	Name	SOLVAY (Société Anonyme)		
Belgium	II-5	Address:	Rue du Prince Albert, 33		
II-6   State of nationality   BE     II-7   State of residence   BE     II-8   Telephone No.					
II-7   State of residence   BE     II-8   Telephone No.			Belgium		
II-8   Telephone No.	II-6	State of nationality	BE		
II-9   Facsimile No.	11-7	State of residence			
III-1   Applicant and/or inventor   applicant and inventor   III-1-2   Applicant for   US only   CATINAT, Jean-Pierre   III-1-5   Address:   Rue de la Résistance, 93   B-7131 WAUDREZ   Belgium	11-8	Telephone No.	+(32-2) 509.6111		
III-1-1 This person is:  III-1-2 Applicant for  III-1-4 Name (LAST, First)  Address:  Address:  Applicant and inventor  US only  CATINAT, Jean-Pierre  Rue de la Résistance, 93  B-7131 WAUDREZ  Belgium	II-9 ,	Facsimile No.	+(32-2) 509.6617		
III-1-2 Applicant for US only Name (LAST, First) CATINAT, Jean-Pierre Rue de la Résistance, 93 B-7131 WAUDREZ Belgium	III-1	Applicant and/or inventor			
III-1-4 Name (LAST, First) Address:  CATINAT, Jean-Pierre Rue de la Résistance, 93 B-7131 WAUDREZ Belgium	III-1-1	This person is:	applicant and inventor		
III-1-4 Name (LAST, First) Address: CATINAT, Jean-Pierre Rue de la Résistance, 93 B-7131 WAUDREZ Belgium	III-1-2	Applicant for	US only		
B-7131 WAUDREZ Belgium	III-1-4	Name (LAST, First)	I		
Belgium	III-1-5	Address:	Rue de la Résistance, 93		
	•	. *	B-7131 WAUDREZ		
III-1-6 State of nationality BE			Belgium		
	III-1-6	State of nationality	BE -		
III-1-7 State of residence BE	III-1-7	State of residence	BE		

PCT/EP 03/12506

## **PCT REQUEST**

## Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

111.0				
111-2	Applicant and/or inventor			
III-2-1	This person is:	applicant and inventor		
111-2-2	Applicant for	US only		
111-2-4	Name (LAST, First)	STREBELLE, Michel		
111-2-5	Address:	Rue Sombre, 84		
		B-1150 BRUSSELS		
		Belgium		
III-2-6	State of nationality	BE		
111-2-7	State of residence	BE		
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent		
IV-1-1	Name (LAST, First)	VANDE GUCHT, Anne		
IV-1-2	Address:	SOLVAY (Société Anonyme)		
		Intellectual Property Department		
		Rue de Ransbeek, 310		
		B-1120 BRUSSELS		
		Belgium		
IV-1-3	Telephone No.	+(32-2) 264.2111		
IV-1-4	Facsimile No.	+(32-2) 264.2955		
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent		
IV-2-1	Name(s)	GRANVILLE, Maryse; JACQUES, Philippe;		
V	Designation of States	SERRIER, Jean-François		
V-1	Regional Patent			
	(other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of		
·		of the Eurasian Patent Convention and of the PCT  EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT  OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT		

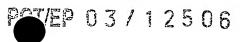




S 2002/26

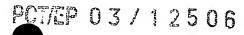
## Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

V-2	National Patent	AE	AG	AL	AM	AT	ΑU	AZ	BA	BB	BG	BR	BY	BZ
	(other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	CA	CH	LI	CN	©O	CR	CU	CZ	DE	DK	DM	DZ	EC
			EG											IL
		ł	IS											т.т
		i												
			LV											
		OM	PG	PH	PL		RO		SC				SK	
			TJ		TN	TR	TT	TZ	UA	UG	US	UZ	VC	VN
	ļ	YU	ZA	ZM	ZW									
V-5	Precautionary Designation Statement													
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rufe 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant													
V-6	at the expiration of that time limit.  Exclusion(s) from precautionary	NON	JE											
	designations													
VI-1	Priority claim of earlier national application													
VI-1-1	Filing date	12	roN	emk	er	200	)2 (	(12	.11.	200	)2)			
VI-1-2	Number .	02.	. 142	207										
VI-1-3	Country	FR												
VII-1	International Searching Authority Chosen	Eur	cope	an	Pat	ent	Of	fic	ce (	(EPC	)	(ISF	/E	?)
VII-2	Request to use results of earlier													
	search; reference to that search									~~~				
VII-2-1	Date	j	von			200	)2 (	(12.	.11.	200	12)			
VII-2-2	Number	FA	626	5981	-									
VII-2-3	Country (or regional Office)	EP												
VIII	Declarations		Nu	mber o	of decl	aratio	ns							
VIII-1	Declaration as to the identity of the inventor	-												
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a	1									•			
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier	2								,	_		-	
VIII-4	application  Declaration of inventorship (only for the purposes of the designation of the United States of America)	1												
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-												



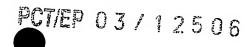
## Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

- VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:	in relation to this international application
	Name:	SOLVAY (Société Anonyme)
		is entitled to apply for and be granted
		a patent by virtue of the following:
VIII-2-1		SOLVAY (Société Anonyme) is entitled as
(ii)		employer of the inventor, CATINAT,
		Jean-Pierre
VIII-2-1		SOLVAY (Société Anonyme) is entitled as
(ii)		employer of the inventor, STREBELLE,
		Michel
VIII-2-1	This declaration is made for the	all designations except the designation
(ix)	purposes of:	of the United States of America



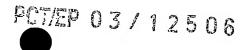
Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

VIII-3-1	To 1 11 11 11 11 11 11 11 11 11 11 11 11	
VIII-3-7	Declaration: Entitlement to claim priority	
	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):	in relation to this international application
ĺ	Name:	CATINAT, Jean-Pierre
		is entitled to claim priority of earlier application No. 02.14207 by virtue of the following:
VIII-3-1		the applicant is the inventor of the
(i)		subject matter for which protection was sought by way of the earlier application
	This declaration is made for the purposes of:	US



Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

÷ VIII-3-	Declaration: Entitlement to claim priority  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):	in relation to this international application
	Name:	STREBELLE, Michel
		is entitled to claim priority of earlier application No. 02.14207 by virtue of the following:
VIII-3-2		the applicant is the inventor of the
(i)		subject matter for which protection was sought by way of the earlier application
VIII-3-2 (ix)	This declaration is made for the purposes of:	US



Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

	VIII-4-1	Declaration: Inventorship (only for the purposes of the designation of	
		the United States of America)	
		Declaration of inventorship (Rules	I hereby declare that I believe I am the
		4.17(iv) and 51bis.1(a)(iv)) for the	original, first and sole (if only one
		purposes of the designation of the United States of America:	inventor is listed below) or joint (if
			more than one inventor is listed below)
			inventor of the subject matter which is
			claimed and for which a patent is
			sought.
			This declaration is directed to the
			international application of which it
		·	forms a part (if filing declaration with
			application).
			I hereby declare that my residence,
			mailing address, and citizenship are as
	[		stated next to my name.
			I hereby state that I have reviewed and
			understand the contents of the
		·	above-identified international
			application, including the claims of
	ŀ		said application. I have identified in
	ŀ		the request of said application, in
	1		compliance with PCT Rule 4.10, any claim
			to foreign priority, and I have
			identified below, under the heading
			"Prior Applications," by application
			number, country or Member of the World
	İ		Trade Organization, day, month and year
			of filing, any application for a patent
	]-		or inventor's certificate filed in a
	1	l.	country other than the United States of
			America, including any PCT international
			application designating at least one
			country other than the United States of
			America, having a filing date before
	1		that of the application on which foreign
			priority is claimed.
$\overline{v}$	III-4-1 F		02.14207, FR, 12 November 2002
-1			(12 11 2002)

VIII-4-1

-1-1 VIII-4-1

-1-2

-1-3 VIII-4-1

-1-4

-1-5

VIII-4-1

VIII-4-1

-1-6

VIII-4-1

application)

corrected or added under Rule 26ter after the filing of the international

S 2002/26

#### Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

		I hereby acknowledge the duty to
		disclose information that is known by me
		to be material to patentability as
		defined by 37 C.F.R. § 1.56, including
		for continuation-in-part applications,
		material information which became
		available between the filing date of the
		prior application and the PCT
		international filing date of the
		continuation-in-part application.
		I hereby declare that all statements
		made herein of my own knowledge are true
		and that all statements made on
		information and belief are believed to
		be true; and further that these
		statements were made with the knowledge
		that willful false statements and the
		like so made are punishable by fine or
		imprisonment, or both, under Section
		1001 of Title 18 of the United States
		Code and that such willful false
		statements may jeopardize the validity
		of the application or any patent issued
		thereon.
	Name:	CATINAT, Jean-Pierre
	Residence:	
	(city and either US State, if applicable,	WAUDREZ, Belgium
	or country)	
ĺ	Mailing address:	Rue de la Résistance, 93
	Citizenship:	BE
i	Inventor's Signature:	
	(if not contained in the request, or if declaration is corrected or added under	·
	Rule 26ter after the filing of the	•
Ì	international application. The signature must be that of the inventor, not that of	
ı	the agent)	
	Date: (of signature which is not contained in	
ļ	the request, or of the declaration that is	
ĺ	corrected or added under Rule 26ter	



## Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

VIII-4-1 -2-1	Name:	STREBELLE, Michel
VIII-4-1 -2-2	Residence: (city and either US State, if applicable, or country)	BRUSSELS, Belgium
VIII-4-1 -2-3	Mailing address:	Rue Sombre, 84
VIII-4-1 -2-4	Citizenship:	BE
VIII-4-1	Inventor's Signature:	
-2-5	(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1	Date:	
-2-6	(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

PC7/EP 03/12506

#### 10/10

#### **PCT REQUEST**

## Original (for SUBMISSION) - printed on 07.11.2003 12:51:17 PM

S 2002/26

IX	Check list	number of sheets	electronic file(s) attached
X-1	Request (including declaration sheets)	10	~
X-2	Description	9	_
X-3	Claims	1	_
(-4	Abstract	1	EZABST00.TXT
(-5	Drawings	0	-
<b>(-7</b>	TOTAL	21	
	Accompanying items	paper document(s) attached	electronic file(s) attached
(-8	Fee calculation sheet	<b>V</b>	-
(-11	Copy of general power of attorney	reference no. 46764	_
(-17	PCT-EASY diskette	_	Diskette
(-19	Figure of the drawings which should accompany the abstract		
(-20	Language of filing of the international application	English	
-1	Signature of applicant, agent or common representative	HELP	
1-1	Name (LAST, First)	VANDE GUCHT, Anne	

## FOR RECEIVING OFFICE USE ONLY

		$\sim$	
10-1	Date of actual receipt of the purported international application	1 0. 11. 2003	1 D NOV 2003
10-2	Drawings:		<del>/</del>
10-2-1	Received	ĺ	
10-2-2	Not received		
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application		
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		
10-5	International Searching Authority	ISA/EP	
10-6	Transmittal of search copy delayed until search fee is paid		

# FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	